



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Tuesday Evening, July 22, 2008

Electricity

Storms Cut Power to 153,994 Customers in Tennessee, Ohio and Indiana July 21-22

The storm knocked out electricity to 56,078 Duke Energy customers in Indiana, 51,161 Duke Energy customers in Ohio, and 46,755 Knoxville Utilities Board (KUB) customers in Tennessee. As of latest reports, 17,831 Duke Energy Indiana customers, 3,055 Duke Energy Ohio customers, and more than 6,000 KUB customers remained without power.

<http://www.duke-energy.com/indiana/outages/current.asp>

<http://www.duke-energy.com/ohio/outages/current.asp>

http://www.wztv.com/template/inews_wire/wires.regional.tn/3752588d-www.fox17.com.shtml

<http://www.thedailytimes.com/article/20080722/NEWS/100818471>

http://www.wcpo.com/news/local/story.aspx?content_id=d14c6dd2-e7c0-4fd4-99cc-40d021eea3d0

Update: 56,491 Customers Remain Without Power in Iowa July 22

Storms knocked out power to more than 220,000 customers yesterday, July 21. As of latest reports, 55,583 MidAmerican Energy customers and 908 Alliant Energy customers remained in the dark.

<http://www.midamericanenergy.com/storm/>

<http://www.alliantenergy.com/docs/groups/public/documents/pub/p013332.hcsp>

<http://www.woi-tv.com/Global/story.asp?S=8713336&nav=1LFX>

Thunderstorm Knocks Out Power to 52,248 Customers in South Carolina July 21

The storm cut power to 29,576 South Carolina Electric and Gas (SCE&G) customers and 22,672 Duke Energy customers. Only 857 SCE&G customers and 1,911 Duke Energy customers were still out, as of latest reports.

<http://www.duke-energy.com/outages/stats/>

<http://www.sceg.com/en/storm-center/outage-updates/>

http://www.live5news.com/Global/story.asp?S=8711056&nav=menu1431_1

Dynegy's 335 MW El Segundo Gas-fired Unit 3 in California Shut by July 21

According to the California Independent System Operator, the unit experienced an unplanned outage by July 21.

<http://www.caiso.com/unitstatus/data/unitstatus200807211515.html>

Update: Entergy's 510 MW Vermont Yankee Nuke Unit in Vermont Ramped Up to 90 Percent by July 22

The company reduced the unit after a July 11 cooling tower leak. The Nuclear Regulatory Commission reported that on the morning of July 21 the unit was operating at 63 percent.

<http://uk.reuters.com/article/governmentFilingsNews/idUKN2219770120080722>

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

AES's 226 MW Huntington Beach Gas-fired Unit 2 in California Returns to Service by July 21

According to the California Independent System Operator, the unit returned from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200807211515.html>

TransAlta's 279 MW Wabamun Coal-fired Unit 4 in Alberta Shut July 20

Reuters, 14:56 July 21, 2008

Northwest Transmission System Faces Severe Constraints, Report Says

Regional electricity demand has surged more than 60 percent in the last twenty years, far outpacing the 20 percent boost in high-voltage transmission capacity, according to a report prepared for the Pacific Northwest Economic Region (PNWER). The subject region, which includes British Columbia, Alberta, Yukon Territory, Washington state, Oregon, Idaho, Montana and Alaska, faces a serious capacity crunch—and potential economic impacts—as utilities deny new power to would-be industrial consumers. The PNWER is holding its annual conference this week. <http://www.canada.com/vancouversun/news/business/story.html?id=8ae3143d-4871-451e-b2c5-c8f0b434daf8>

PG&E Plans 560 MW Gas-fired Power Plant in California

The plant would need to enter service in the first half of 2012 to satisfy projected electricity demand, according to PG&E. The proposed site is already licensed to hold a 1,120 MW gas-fired power plant; PG&E said it might seek to build a second 560 MW unit.

Bloomberg News, 13:32 July 22, 2008

Petroleum

Companies Shut Some Oil Production Ahead of Tropical Storm Dolly

Downed Output Represents Just 4.66 Percent of Gulf of Mexico Production

Anadarko Petroleum shut 30,000 b/d of output, and ExxonMobil halted 10,000 b/d of production, but most Gulf of Mexico oil output remained unaffected. Only 4.66 percent of the Gulf's 1.3 million b/d capacity is down, according to the U.S. Minerals Management Service (MMS). Companies have evacuated workers from 49 production platforms, or 6.8 percent of the Gulf's 717 manned platforms, the MMS said. Included in those evacuation figures are Apache Corp, Chevron Corp and Shell Oil, each of which said the workers' departures would not impact production. Forecasters expect Dolly to reach hurricane status before making landfall, but experts say the storm should bypass major oil and gas facilities.

<http://www.mms.gov/ooc/press/2008/press0722.htm>

Reuters, 11:28 July 22, 2008

Reuters, 11:45 July 22, 2008

See also OE's Hurricane Dolly Situation Report:

http://www.oe.netl.doe.gov/docs/2008_SitRep_1_Dolly_72208_3pm.doc

Natural Gas

Throughput Along Transco's Gas Pipeline System Dips by 250 MMcf/d Ahead of Tropical Storm Dolly, but Most Gas Output Still Online in Gulf of Mexico

Tropical storm Dolly forced offline about 250 MMcf/d of offshore Texas production, according to a Transco posting. ExxonMobil said separately it halted 40 MMcf/d of gas output; it is not clear if that figure is included in Transco's total. Regardless, all reported shutdowns represent just 5.13 percent of the Gulf of Mexico's daily gas production, which averages 7.7 Bcf/d. Separately, Enbridge declared force majeure along its Stingray Pipeline, shutting the West Cameron 509 Compressor Station and allowing gas to "free flow." The evacuation and shutdown could trigger pressure spikes, and lead to system interruptions, Enbridge said.

Reuters, 11:45 July 22, 2008

Reuters, 12:02 July 22, 2008

Reuters, 12:53 July 22, 2008

<http://www.mms.gov/ooc/press/2008/press0722.htm>

<http://www.enbridgeus.com/Reports/reportrem.aspx?pl=1&rptSite=1&rpt=%2fnotice%2fFinalReview.asp%3fcode%3dstry2008204.143727&tmi=1036&tmt=5>

<http://www.enbridgeus.com/Reports/reportrem.aspx?pl=1&rptSite=1&rpt=%2fnotice%2fFinalReview.asp%3fcode%3dstry2008204.10437&tmi=1036&tmt=5>

<http://www.1line.williams.com/Files/Transco/TranscoInfoPostingFrameset.html>

See also OE's Hurricane Dolly Situation Report:

http://www.oe.netl.doe.gov/docs/2008_SitRep_1_Dolly_72208_3pm.doc

Shipments Resume Along 430,000 b/d Kirkuk-to-Turkey Oil Pipeline as Iraq Begins to Settle \$100 Million Debt July 22

Turkey shut the pipeline yesterday, July 21, after a Turkish court ordered Iraq to repay a \$100 million debt. Iraq then paid \$50 million of the debt, and the pipeline resumed movement by today, July 22.

Reuters, 10:05 July 22, 2008

Reuters, 10:40 July 22, 2008

Other News

Update: VeraSun Opens 110 Million Gallon/Year Ethanol Plant in North Dakota

VeraSun delayed the facility's start-date last month, citing "market conditions." The plant is located in Hankinson, North Dakota.

Bloomberg News, 16:05 July 22, 2008

Energy Prices

U.S. Oil and Gas Prices			
July 22, 2008			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	126.75	138.83	75.30
NATURAL GAS Henry Hub \$/Million Btu	10.58	11.58	6.50

Source: Reuters

Energy Notes

Wind Storm Cuts Power to 16,000 Georgia Power Customers in Georgia July 21

<http://www.wsbtv.com/news/16950503/detail.html>

Ameren Reports 15,479 and Columbia Power and Light Department Reports 3,400 Customers Without Power in Missouri July 22

As of 2:00 AM: http://www.ameren.com/Outage/ADC_MissouriOutageInformation.asp

<http://www.columbiatribune.com/2008/Jul/20080722News013.asp>

Heavy Winds Knock Out Power to 12,000 Salt River Project Customers in Arizona July 21

<http://ktar.com/?nid=6&sid=905895>

Dominion Virginia Power Reports 10,692 Customers Without Power July 22

As of 11 AM, http://www.dom.com/news/outage_sos.jsp

Malfunction at Luminant's 593 MW Big Brown Coal-fired Unit 2 in Texas July 21

Bloomberg News, 11:12 July 22, 2008

Luminant to Repair Electrical Malfunctions to Emissions-Control Device at 593 MW Big Brown Coal-fired Unit 1 July 21

Bloomberg News, 11:12 July 22, 2008

Update: Duke Energy and Indiana Governor Hold Celebratory Groundbreaking Event at Planned 630 MW Coal-fired Power Plant in Indiana

http://biz.yahoo.com/ap/080721/in_coal_gasification.html?v=1

New Transmission Lines Needed in U.S. Northwest to Transport 4,716 MW of Planned Wind Power—BPA

<http://www.oregonlive.com/news/oregonian/index.ssf?base/news/1216529717321800.xml&coll=7>

California Solar Initiative Stagnates as New Photovoltaic Rooftop Systems Only Slightly Outpace Abandoned Solar Plans

http://pro.energycentral.com/professional/news/power/news_article.cfm?id=10718587

Mexican Oil Production Drops 9.7 Percent in January-June, 2008 from Same Period Last Year—Exports Dip 15.4 Percent, to 1.454 Million b/d

Reuters, 14:02 July 21, 2008

Update: Holly Corp's Expansion of 85,000 b/d Navajo, New Mexico Refinery by 15,000 b/d, to a Total 100,000 b/d—Expected be Mechanically Finished in Q1, 2009

Reuters, 07:19 July 22, 2008

Mexico Reopens Cayo Arcas Oil Port in Gulf of Mexico July 22

Tropical Storm Dolly Forced Port to Close July 21

Reuters, 11:35 July 22, 2008

Update: BP Removes Final 60 of 148 TNK-BP Secondees from Russia

Reuters, 11:23 July 22, 2008

ExxonMobil Shuts Compressor Valve on Coker Unit at 348,500 b/d Beaumont, Texas Refinery July 21

Bloomberg News, 16:55 July 22, 2008

LNG Facilities Vulnerable to Terrorist Assaults, Retired Navy Admiral Says

<http://www.washingtontimes.com/news/2008/jul/21/lng-port-security/>

William's Suspends Service on Entire Black Marline Natural Gas Pipeline System from August 2 to August 25 Due to Abandonment Work Associated with a Receipt Point

<http://www.blackmarlin.williamsenergy.com/DownloadAttachment?attachment=NOTICE%20TO%20SHIPPERS%20ON%20BLACK%20MARLIN%20PIPELINE%20072208.htm¬ice=1357533&type=c>

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

ENERGY ASSURANCE DAILY

Energy Assurance Daily provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. EST. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

<http://www.oe.netl.doe.gov/index.aspx>.

Please direct comments and questions to: ead@oe.netl.doe.gov